

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016847.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 14:05
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 29 16:02:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.053	17715212	109.274 ug/ml
Spiked Amount 50.000		Recovery =	218.55%
12) S 1-chlorooctadecane (S...	13.495	13737091	110.041 ug/ml
Spiked Amount 50.000		Recovery =	220.08%
Target Compounds			
1) T n-Nonane (C9)	3.370	13434944	106.221 ug/ml
2) T n-Decane (C10)	4.632	14358430	108.435 ug/ml
3) T A~Naphthalene (C11.7)	6.351	15596940	111.174 ug/ml
4) T n-Dodecane (C12)	6.814	14962930	109.826 ug/ml
5) T A~2-methylnaphthalene...	7.455	15313371	113.965 ug/ml
6) T n-Tetradecane (C14)	8.654	15011489	110.899 ug/ml
7) T n-Hexadecane (C16)	10.273	15645717	111.011 ug/ml
8) T n-Octadecane (C18)	11.728	16040368	110.009 ug/ml
10) T n-Eicosane (C20)	13.046	15679584	109.380 ug/ml
11) T n-Heneicosane (C21)	13.663	15530284	109.208 ug/ml
13) T n-Docosane (C22)	14.253	15573373	109.338 ug/ml
14) T n-Tetracosane (C24)	15.364	15671126	109.405 ug/ml
15) T n-Hexacosane (C26)	16.393	15475681	109.239 ug/ml
16) T n-Octacosane (C28)	17.349	15166668	109.070 ug/ml
17) T n-Tricontane (C30)	18.244	15221568	108.119 ug/ml
18) T n-Dotriacontane (C32)	19.080	14354516	107.057 ug/ml
19) T n-Tetratriacontane (C34)	19.868	12337446	104.636 ug/ml
20) T n-Hexatriacontane (C36)	20.609	9302886	98.732 ug/ml
21) T n-Octatriacontane (C38)	21.384	7295384	92.998 ug/ml
22) T n-Tetracontane (C40)	22.370	6344060	91.105 ug/ml

(f)=RT Delta > 1/2 Window

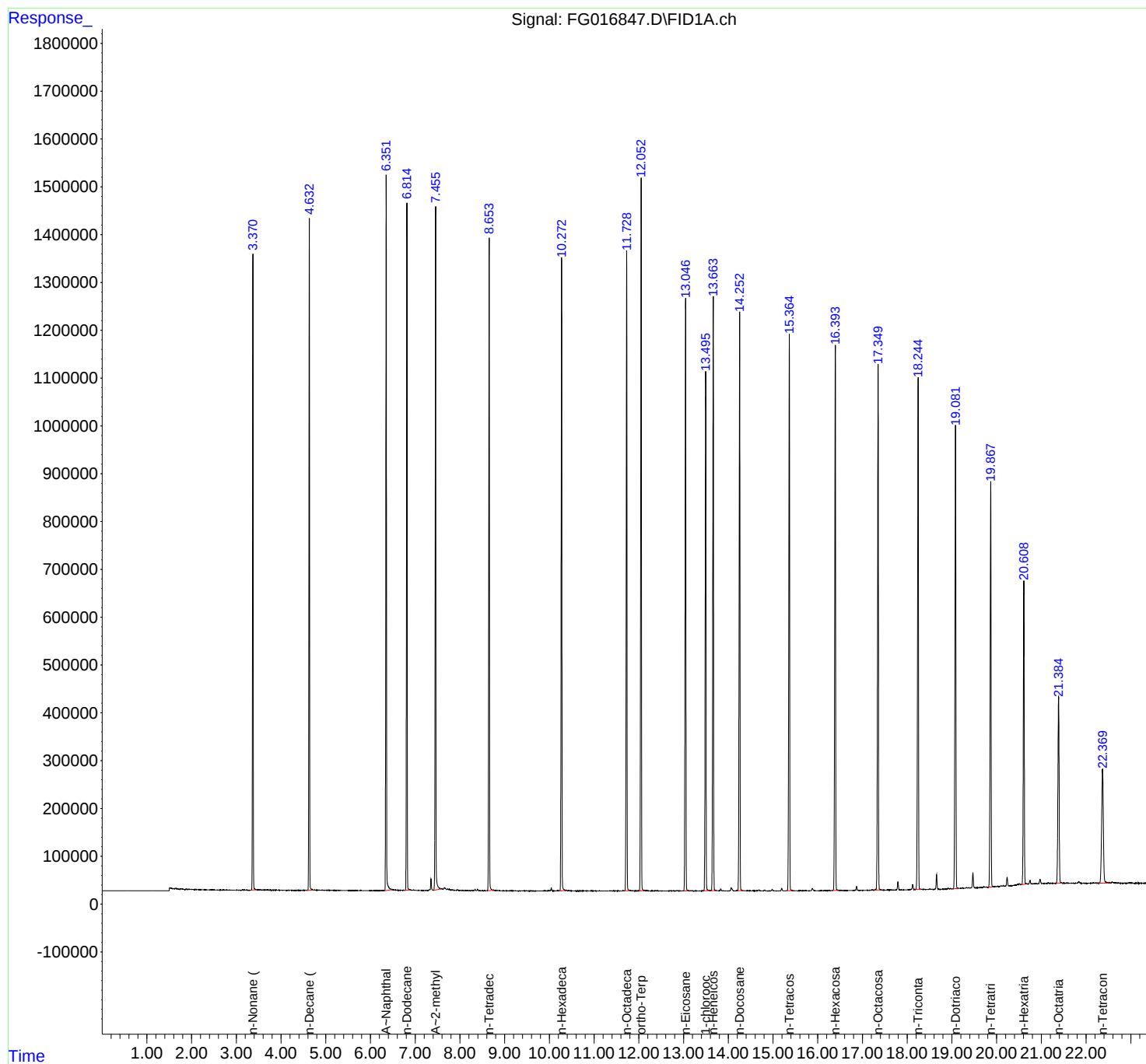
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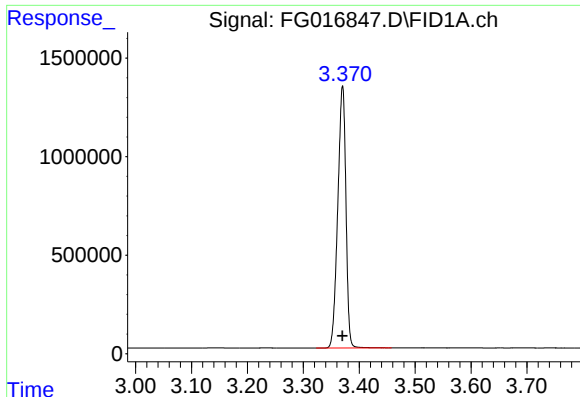
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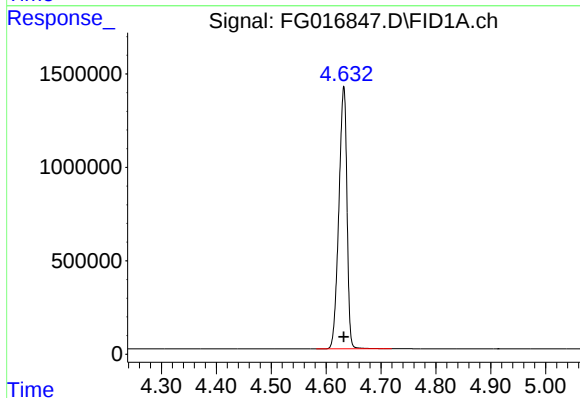




#1 n-Nonane (C9)

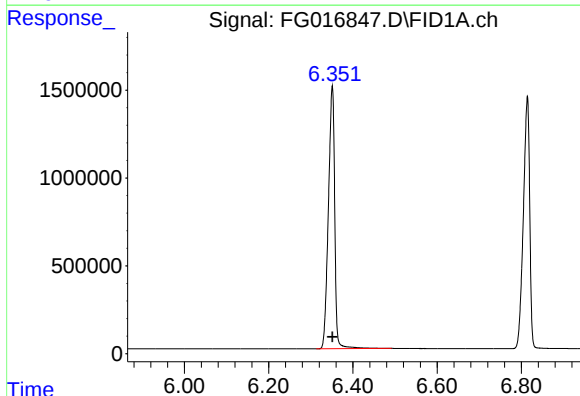
R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 13434944
Conc: 106.22 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



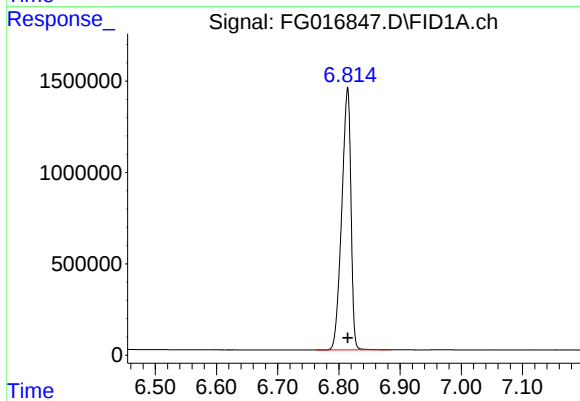
#2 n-Decane (C10)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 14358430
Conc: 108.43 ug/ml



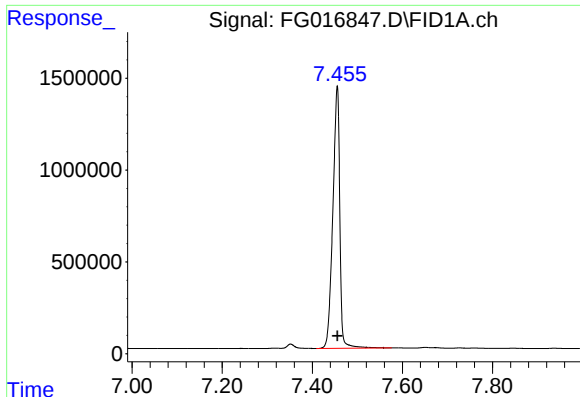
#3 A~Naphthalene (C11.7)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 15596940
Conc: 111.17 ug/ml



#4 n-Dodecane (C12)

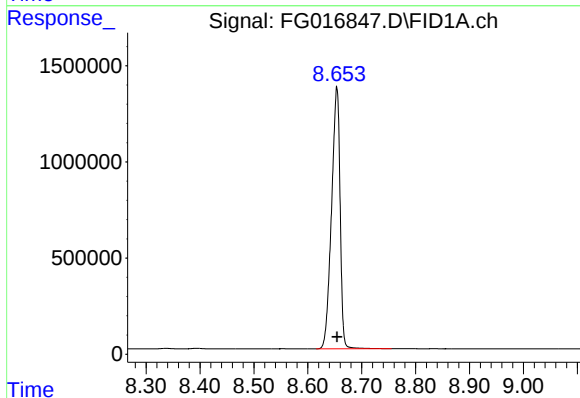
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 14962930
Conc: 109.83 ug/ml



#5 A~2-methylnaphthalene (C12.89)

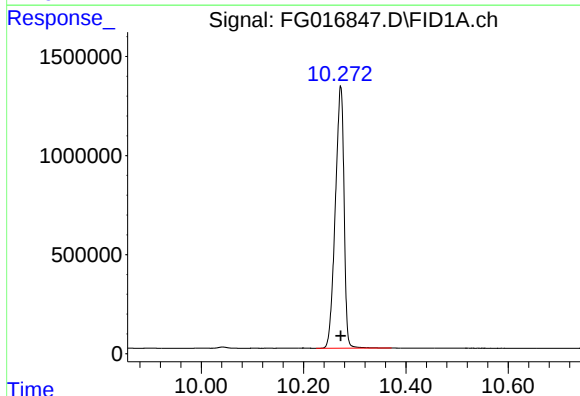
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 15313371
Conc: 113.97 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



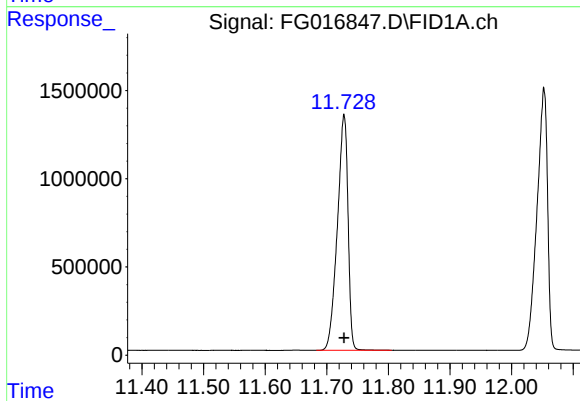
#6 n-Tetradecane (C14)

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 15011489
Conc: 110.90 ug/ml



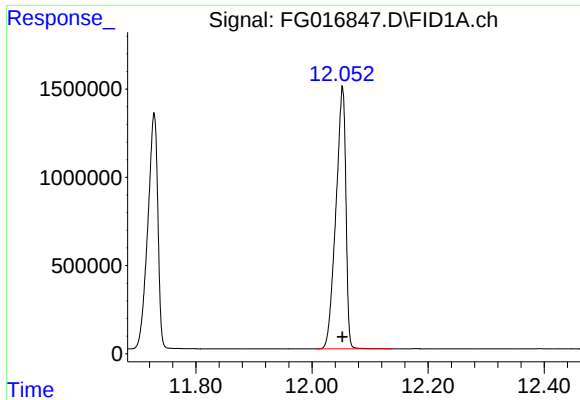
#7 n-Hexadecane (C16)

R.T.: 10.273 min
Delta R.T.: 0.000 min
Response: 15645717
Conc: 111.01 ug/ml



#8 n-Octadecane (C18)

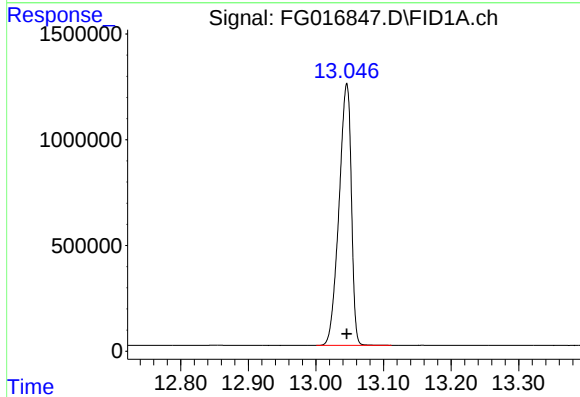
R.T.: 11.728 min
Delta R.T.: 0.000 min
Response: 16040368
Conc: 110.01 ug/ml



#9 ortho-Terphenyl (SURR)

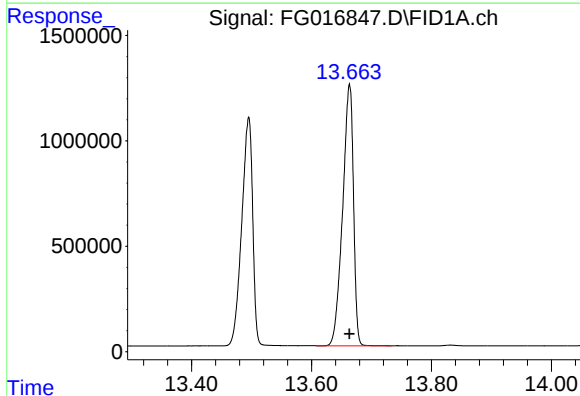
R.T.: 12.053 min
Delta R.T.: 0.000 min
Response: 17715212
Conc: 109.27 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



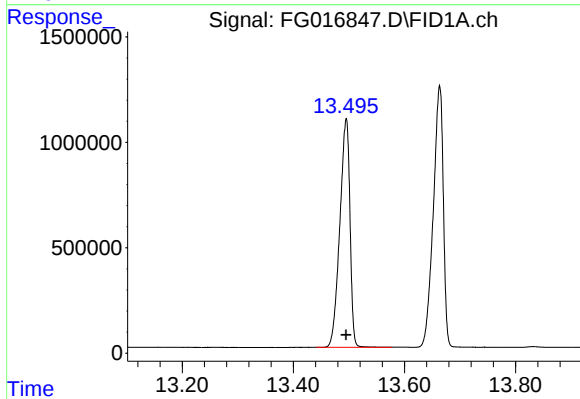
#10 n-Eicosane (C20)

R.T.: 13.046 min
Delta R.T.: 0.000 min
Response: 15679584
Conc: 109.38 ug/ml



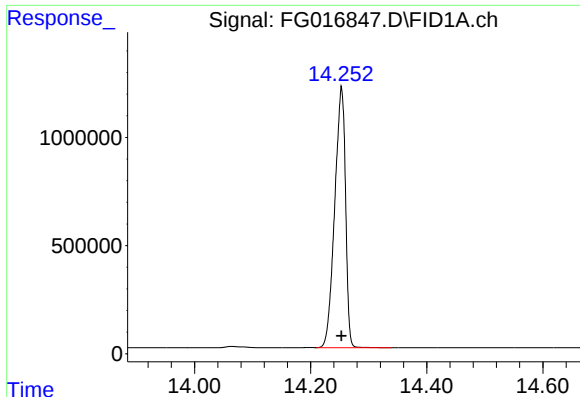
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 15530284
Conc: 109.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.495 min
Delta R.T.: 0.000 min
Response: 13737091
Conc: 110.04 ug/ml



#13 n-Docosane (C22)

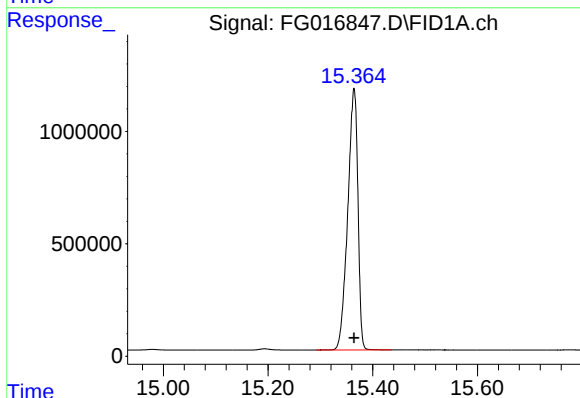
R.T.: 14.253 min
Delta R.T.: 0.000 min
Response: 15573373
Conc: 109.34 ug/ml

Instrument :

FID_G

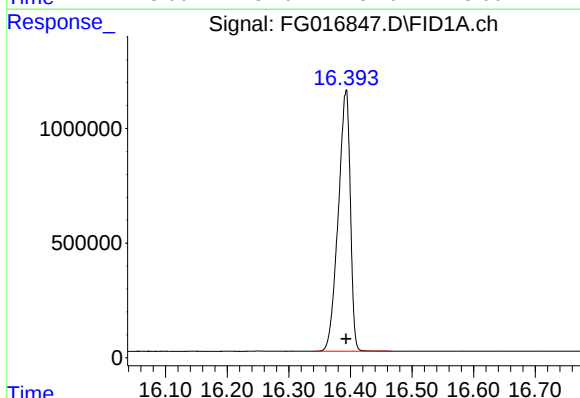
ClientSampleId :

100 PPM ALIPHATIC HC STD1



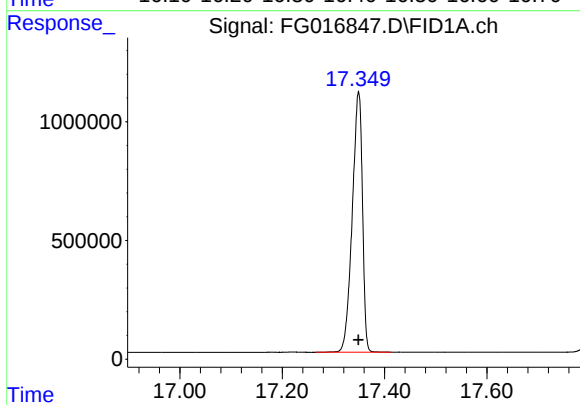
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: 0.000 min
Response: 15671126
Conc: 109.40 ug/ml



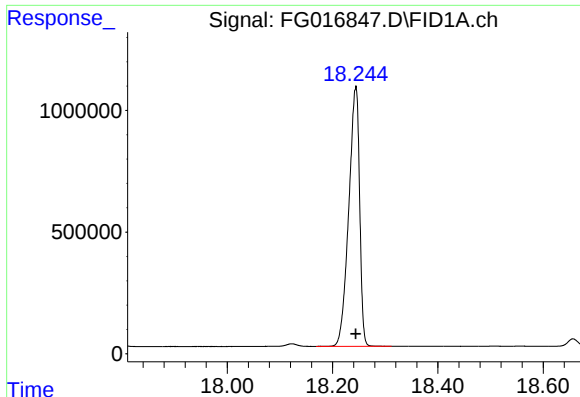
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 15475681
Conc: 109.24 ug/ml



#16 n-Octacosane (C28)

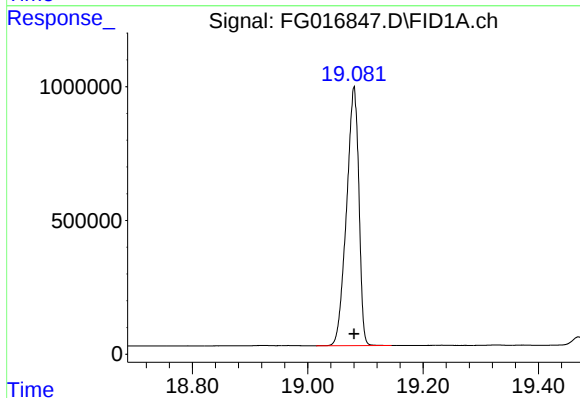
R.T.: 17.349 min
Delta R.T.: 0.000 min
Response: 15166668
Conc: 109.07 ug/ml



#17 n-Tricontane (C30)

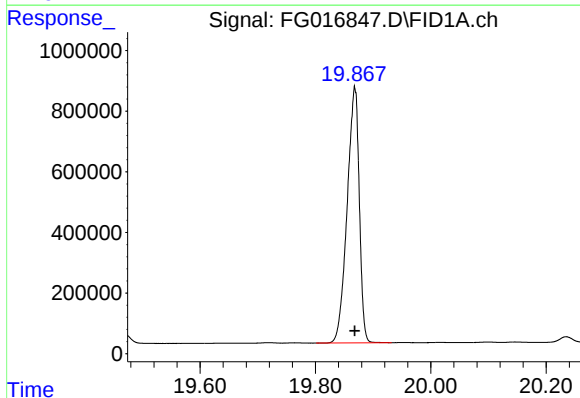
R.T.: 18.244 min
Delta R.T.: 0.000 min
Response: 15221568
Conc: 108.12 ug/ml

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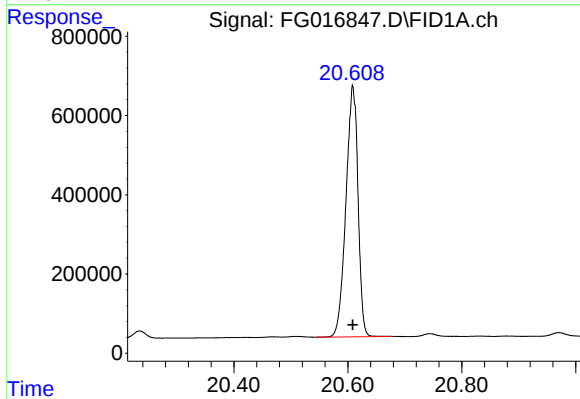
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 14354516
Conc: 107.06 ug/ml



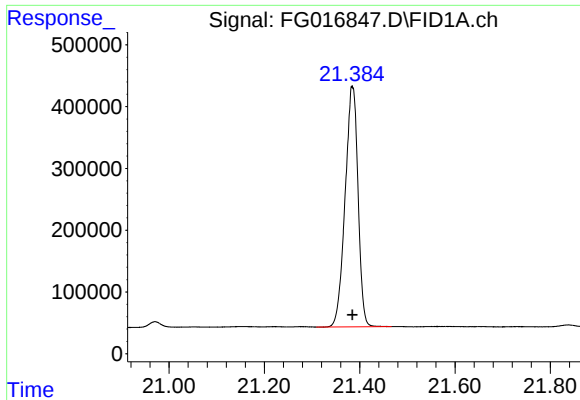
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.000 min
Response: 12337446
Conc: 104.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 9302886
Conc: 98.73 ug/ml



#21 n-Octatriacontane (C38)

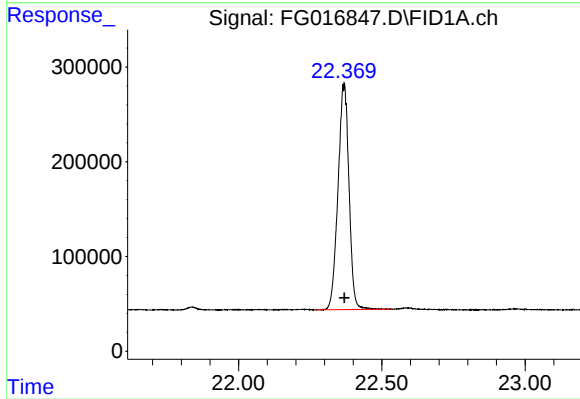
R.T.: 21.384 min
Delta R.T.: 0.000 min
Response: 7295384
Conc: 93.00 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.000 min
Response: 6344060
Conc: 91.11 ug/ml